

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

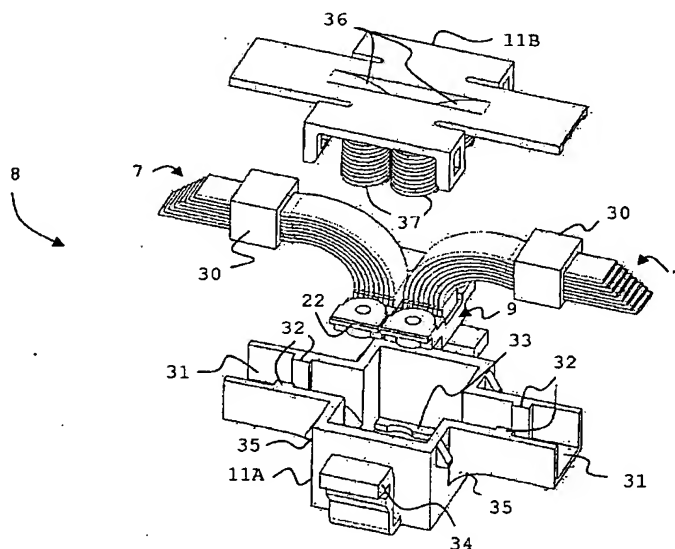
PCT

(10) International Publication Number  
**WO 2005/017591 A1**

- (51) International Patent Classification<sup>7</sup>: **G02B 6/38**
- (21) International Application Number:  
PCT/EP2004/051737
- (22) International Filing Date: 6 August 2004 (06.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
1024108 14 August 2003 (14.08.2003) NL
- (71) Applicant (for all designated States except US): FCI [FR/FR]; 145/147 rue Yves Le Coz, F-78000 Versailles (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VAN KOETSEM, Jan, Peter, Karel [BE/BE]; Wijnakkerslaan 10, B-9150 Bazel (BE). VAN DER STEEN, Hendrikus, Petrus, Gijsbertus [NL/NL]; Litsersstraat 60B, NL-5275 BW Den Dungen (NL).
- (74) Agents: DE VRIES, Johannes, Hendrik, Fokke et al.; Overschiestraat 180, NL-1062 XK Amsterdam (NL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report

[Continued on next page]

(54) Title: OPTICAL BOARD CONNECTOR ASSEMBLY



(57) Abstract: The invention relates to an optical board connector assembly (8) for optically connecting an array of optical fibres (40) to a circuit board embedded device (4) comprising a connector housing (11) comprising a support structure (33) and at least one fibre fixation part (9). The fibre fixation part (9) comprises a ferrule part (10) for containing said optical fibres (40) and a support part (22) adapted to cooperate with said support structure (33) such that said ferrule part (10) protrudes at least partly from said connector housing (11). The invention also relates to a fibre fixation part (9) for use in such an assembly (8).

WO 2005/017591 A1

BEST AVAILABLE COPY



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

BEST AVAILABLE COPY